

NASA TechTracS



Metrics Module Documentation

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Manual Style Conventions

The following conventions are used throughout user documentation for easier readability:

Area or Action	Format	Example
Table Reference	A table reference is denoted by brackets before and after the table name.	[Technology]
Field Reference	A field reference is denoted by a table reference followed by the field name.	[Technology]Case Number
Values	Quotes are use to denote values.	"LAR-11001-1" [Technology]Case Number
Menu	Bold-->With plain arrows--> denoting the different --> Levels.	From the File menu, select File --> Page Setup...
Button	Italics are used to denote buttons.	...click the <i>Cancel</i> button
Methods	Methods are denoted by bold text.	TechOrgCodes
Variable	Variables are denoted by Bold Italic text.	<i>vTTName</i> (Which stands for the Tech Transfer Officer Name - ie "Jim Alberti")

NOTE: NASA TechTracS Expressions includes both methods and variables

Overview

Metrics consists on caclulating Commercialization Metrics, Assistance Metrics and UPN Assingments.

Features

- Find capabilities for each metric
- Recall set capabilities for each set
- HTML or Excel Commercialization Metric Report Email

Use of the Module

Commercialization metrics are automatically calculated twice a month, before and after the FACS procurement data load. The FACS load normally occurs after the 15th of each month.

Commercialization metric calculation types include

Center_Total
Enterprise
Program_Office
PMC_Program
COG
3_Digit_UPN
5_Digit_UPN

Center_Total

Center_Total is the grand total metrics record for the center. There is only one record per month.

Enterprise

Enterprise metrics are calculated for each of the following NASA Enterprise's:

AST - Aerospace Technology
ES - Earth Science
FPA - Functional Program Areas
HEDS - Human Exploration and Development of Space
OTHER - Other
SS - Space Science

Program_Office

Enterprise metrics are calculated for each of the following NASA Enterprise's:

- 0 - Associate Administrator (FPA)
- 1 - Headquarters Office (FPA)
- 2 - Office of Safety and Mission Assurance (FPA)
- 3 - Office of Life and Microgravity Science (HEDS)
- 4 - Office of Space Systems Development
- 5 - Office of Space Communications (FPA)
- 6 - Office of Space Access and Technology
- 7 - Office of Aero-Space Technology (AST)
- 8 - Office of Space Science (SS)
- 9 - Office of Space Flight (HEDS)
- A - Office of Earth Science (ES)
- FO - Functional Program Areas Other (*)
- HO - HEDS Other (*)

* Added to NASA TechTracS for the purpose of calculating metrics for Enterprises which are made up of more than 1 program office.

PMC_Program

PMC_Program metrics are calculated for each record in the [PMC_Program] table. [PMC_Program] records are maintained at Agencywide TechTracS and periodically downloaded to each field center.

COG

COG metrics are calculated for each record in the [COG] table. [COG] records are maintained at Agencywide TechTracS and periodically downloaded to each field center.

3_Digit_UPN

3_Digit_UPN metrics are calculated for each record 3 digit UPN in the [Program Code] table. [Program Code] records are maintained at Agencywide TechTracS and periodically downloaded to each field center.

5_Digit_UPN

5_Digit_UPN metrics are calculated for each record 5 digit UPN in the [Program Code] table. [Program Code] records are maintained at Agencywide TechTracS and periodically downloaded to each field center.

Commercialization Metrics

List Screen

Using the standard NASA TechTracS list screen mechanism, this screen shows the:

[Commercialization Metrics]FY

[Commercialization Metrics]Month

[Commercialization Metrics]Center

[Commercialization Metrics]Report_Date

[Commercialization Metrics]Calculation_Type

Area (displays appropriate field based on [Commercialization Metrics]Calculation_Type)

Commercialization_Metrics Listing Window

Commercialization_Metrics: 69244 records in selection					
FY	Month	Center	Report Date	Calculation Type	Area
2001	November	SSC	10/06/2001	PMC_Program	AST03
2000	June	SSC	08/11/2000	5_Digit_UPN	24800
2000	June	SSC	08/11/2000	5_Digit_UPN	28895
2000	June	SSC	08/11/2000	5_Digit_UPN	32010
2000	June	SSC	08/11/2000	5_Digit_UPN	32020
2000	June	SSC	08/11/2000	5_Digit_UPN	32090
2000	June	SSC	08/11/2000	5_Digit_UPN	32110
2000	June	SSC	08/11/2000	5_Digit_UPN	32120
2000	June	SSC	08/11/2000	5_Digit_UPN	32190
2000	June	SSC	08/11/2000	5_Digit_UPN	32210
2000	June	SSC	08/11/2000	5_Digit_UPN	32220
2000	June	SSC	08/11/2000	5_Digit_UPN	32290
2000	June	SSC	08/11/2000	5_Digit_UPN	32910
2000	June	SSC	08/11/2000	5_Digit_UPN	32920
2000	June	SSC	08/11/2000	5_Digit_UPN	32990
2000	June	SSC	08/11/2000	5_Digit_UPN	33810
2000	June	SSC	08/11/2000	5_Digit_UPN	33820
2000	June	SSC	08/11/2000	5_Digit_UPN	33830
2000	June	SSC	08/11/2000	5_Digit_UPN	72110
2000	June	SSC	08/11/2000	5_Digit_UPN	72120
2000	June	SSC	08/11/2000	5_Digit_UPN	72130
2000	June	SSC	08/11/2000	5_Digit_UPN	72140
2000	June	SSC	08/11/2000	5_Digit_UPN	78110
2000	June	SSC	08/11/2000	5_Digit_UPN	78120

Find by... FY/Month Query

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Find

In addition to the standard query tools, Commercialization Metrics may be queried using the custom Find utility:

[Commercialization_Metric]Find Window

Find Commercialization Metrics records

Fiscal Year

Month

Type

Records may be found using:

- Fiscal Year
- Month
- Type

Batch Update Routines

Calculate Center Total Only available to users in *DBA* group, this Batch Update Routine recalculates the Center_Total for Commercialization Metrics

Activities Baseline Screen

All 4 screens have the following common fields displayed near the top of the screen:

- [Commercialization_Metrics]Center
- [Commercialization_Metrics]Fiscal_Year
- [Commercialization_Metrics]Month
- [Commercialization_Metrics]Report_Date
- [Commercialization_Metrics]Calculation_Tyoe
- [Commercialization_Metrics]Enterprise
- [Commercialization_Metrics]Program_Office
- [Commercialization_Metrics]PMC_Program
- [Commercialization_Metrics]COG
- [Commercialization_Metrics]3_Digit_UPN
- [Commercialization_Metrics]5_Digit_UPN

Common Fields for [Commercialization_Metrics] data screen

The screenshot shows a web-based data entry form titled "Commercialization_Metrics: 17 of 69244 records in selection". The form contains several input fields and tabs. The "Activities Baseline" tab is selected, showing fields for "NTRs", "Partnerships", and "Success Stories". Other visible fields include "Center" (SSC), "FY" (2000), "Month" (June), "Report Date" (08/11/2000), "Calculation Type" (5_Digit_UPN), "Enterprise", "Program Office", "PMC Program", "COG", "3 Digit UPN", and "5 Digit UPN" (338-20).

The activities baseline screen contains the following metric calculations:

Extramural_CY_Obs	Percent_Yes_Potential_CY_OBS
Percent_No Potential_CY_OBS	Percent_Unknown_Potl_CY_OBS
Total_Activities_Count	Activities_with_Clause_Count
Contract_Reports_Received	Contract_Reports_Due
Percent_Reporting	Activities_with_Clause_Potential
Activities with NTRs	Percent with NTRs

Activities Baseline Screen

Commercialization_Metrics: 17 of 69244 records in selection

Center FY Month Report Date

Activities Baseline **NTRs** Partnerships Success Stories

Calculation Type COG

Enterprise 3 Digit UPN

















Program Office 5 Digit UPN

PMC Program

Activities

Extramural CY Obs	<input type="text" value="\$0"/>	Find...	Recall Set...
Percent Yes Potential CY OBS	<input type="text" value="0.00"/>	Find...	Recall Set...
Percent No Potential CY OBS	<input type="text" value="0.00"/>	Find...	Recall Set...
Percent Unknown Potl CY OBS	<input type="text" value="0.00"/>	Find...	Recall Set...
Total Activities Count	<input type="text" value="0"/>	Find...	Recall Set...
Activities with Clause Count	<input type="text" value="0"/>	Find...	Recall Set...
Contract Reports Received	<input type="text" value="0"/>		
Contract Reports Due	<input type="text" value="0"/>		
Percent Reporting	<input type="text" value="0.00"/>	Find...	Recall Set...
Activities w/ Clause Potential	<input type="text" value="0"/>		
Activities with NTRs	<input type="text" value="0"/>		
Percent with NTRs	<input type="text" value="0.00"/>	Find...	Recall Set...

Find by... [Query](#)

NTRs

The NTRs screen contains the following metric calculations:

FY_Extramural_NTRs
Total_Extramural_NTRs
FY_Intramural_NTRs
Total_Intramural_NTRs
Total_FY_NTRs
Total_Active_NTRs
NTRs_Available_to_Public
Pct_NTRs_Available_to_Public

NTRs Screen

Center FY Month Report Date

Activities Baseline **NTRs** Partnerships Success Stories

Calculation Type COG

Enterprise 3 Digit UPN

Program Office 5 Digit UPN

PMC Program

NTRs

FY Extramural NTRs	<input type="text" value="0"/>	<input type="button" value="Find..."/>	<input type="button" value="Recall Set..."/>
Total Extramural NTRs	<input type="text" value="0"/>	<input type="button" value="Find..."/>	<input type="button" value="Recall Set..."/>
FY Intramural NTRs	<input type="text" value="0"/>	<input type="button" value="Find..."/>	<input type="button" value="Recall Set..."/>
Total Intramural NTRs	<input type="text" value="0"/>	<input type="button" value="Find..."/>	<input type="button" value="Recall Set..."/>
Total FY NTRs	<input type="text" value="0"/>	<input type="button" value="Find..."/>	<input type="button" value="Recall Set..."/>
Total Active NTRs	<input type="text" value="0"/>	<input type="button" value="Find..."/>	<input type="button" value="Recall Set..."/>
NTRs Available to Public	<input type="text" value="0"/>		
Pct NTRs Available to Public	<input type="text" value="0.00"/>	<input type="button" value="Find..."/>	<input type="button" value="Recall Set..."/>

Find by...

Partnerships Screen

The NTRs screen contains the following metric calculations:

Partnerships_Count
NASA_Partnership_Investment
R_and_D_Base
Partnership_Percentage

Partnerships Screen

Commercialization_Metrics: 17 of 69244 records in selection

Center FY Month Report Date

Activities Baseline **NTRs** Partnerships Success Stories

Calculation Type COG

Enterprise 3 Digit UPN

Program Office 5 Digit UPN

PMC Program

Partnerships

Partnerships Count [Find...](#) [Recall Set...](#)

NASA Partnership Investment

R and D Base

Partnership Percentage [Find...](#) [Recall Set...](#)

Find by... [Query](#)

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Success Stories Screen

The NTRs screen contains the following metric calculations:

- FY_Public_Success_Stories
- Public_Success_Stories

Success Stories Screen

Commercialization_Metrics: 17 of 69244 records in selection

Center FY Month Report Date

Activities Baseline **NTRs** **Partnerships** **Success Stories**

Calculation Type COG

Enterprise 3 Digit UPN

Program Office 5 Digit UPN













PMC Program

Success Stories

FY Public Success Stories

Public Success Stories

Find by...

Reports

Reports available from [Commercialization_Metrics] include:

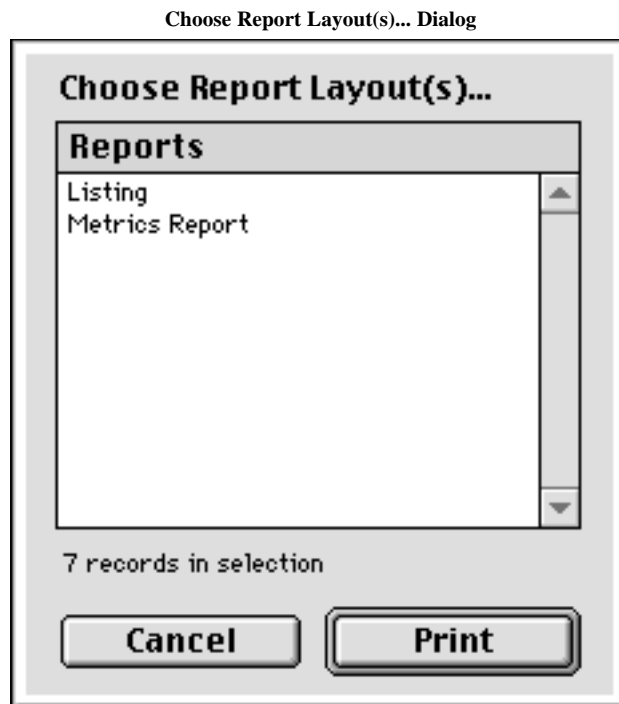
- Metrics Report Sent by Email
- Listing Report (contents of the List Window)
- Metrics Report Printed to Disk

Metrics Report Sent by Email

At each field center, the metrics report for Center_Total is automatically sent after each metric run as an enclosure to an email to any People with a related keyword of "cto_metrics_report". The Agencywide metrics report for the entire Agency is automatically sent after each metric run as enclosure to an email to any People with a related keyword of "cto_hq_metrics_report". The metrics report arrives as an html document that can be viewed in a web browser or opened with Microsoft Excel.

Listing Report

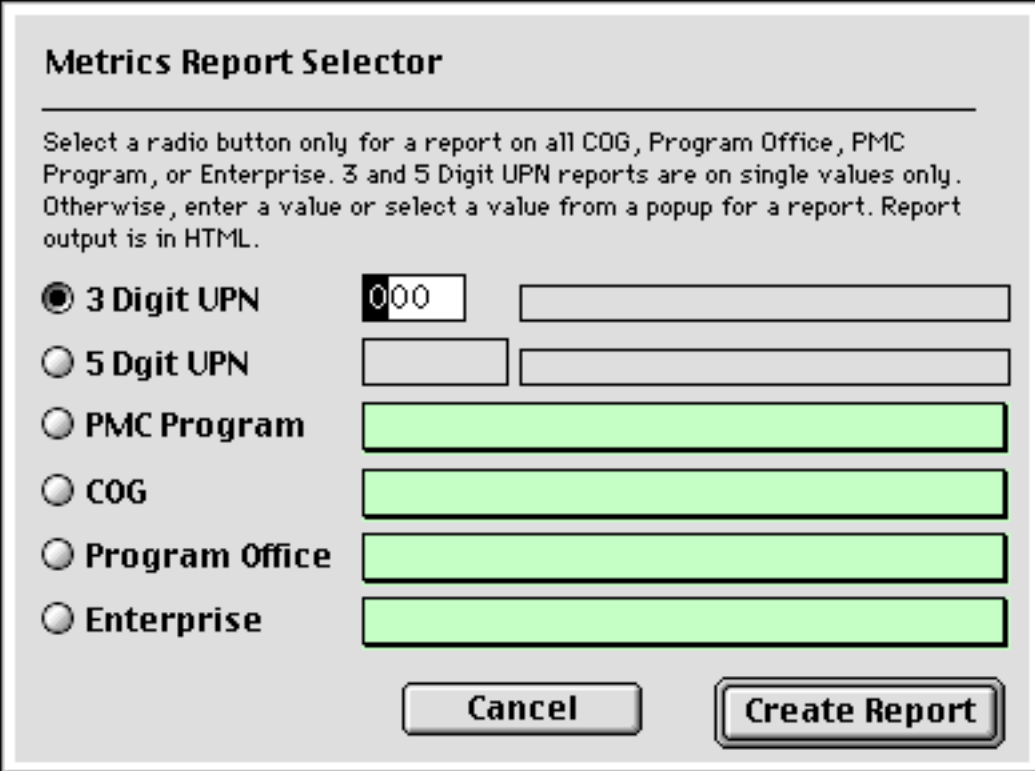
The listing is available from the Choose Report Layout(s) dialog after choosing Print. The contents of the listing window are printed on the Listing report.



Metrics Report Printed to Disk

The metrics report printed to disk is also available from the Choose Report Layout(s) dialog after choosing Print. The metrics report options available are displayed in the Metrics Report Selector dialog. Output options include:

- 3 Digit UPN
- 5 Digit UPN
- PMC Program
- COG
- Program Office
- Enterprise



Metrics Report Selector

Select a radio button only for a report on all COG, Program Office, PMC Program, or Enterprise. 3 and 5 Digit UPN reports are on single values only. Otherwise, enter a value or select a value from a popup for a report. Report output is in HTML.

<input checked="" type="radio"/> 3 Digit UPN	<input type="text" value="000"/>	<input type="text"/>
<input type="radio"/> 5 Dgit UPN	<input type="text"/>	<input type="text"/>
<input type="radio"/> PMC Program	<input type="text"/>	
<input type="radio"/> COG	<input type="text"/>	
<input type="radio"/> Program Office	<input type="text"/>	
<input type="radio"/> Enterprise	<input type="text"/>	

The metrics report is printed to your local harddrive as an html document that can be viewed in a web browser or opened with Microsoft Excel.

Calculations

Major commercialization metric calculations areas include:

Activities

NTRs

Partnerships

Success Stories

NOTE: The following calculations are for "Center_Total" metrics. Notes are included for other calculation types.

Activities**Metric:** Extramural CY Obs**Step 1:** Query [Inventory] where

[Inventory]CY Obs > 0
or
[Inventory]CY Cost > 0

Note: For all other metric calculations, perform com_QuerySelectionInventory.

Calc: [Commercialization Metrics]Extramural_Count = Records in selection of [Inventory]
from *Metric:Extramural CY Obs-Step1*.

Calc: [Commercialization Metrics]Extramural_CY_OBS = Sum of [Inventory]CY Obs from
Metric:Extramural CY Obs-Step1.

Metric: Percent Yes Potential CY OBS**Step 1:** Query Selection of [Inventory] records from *Step1:Extramural CY Obs* where

[Inventory]Commrci Assess = "Y"

Note: For all other metric calculations, perform com_QuerySelectionInventory.

Calc: [Commercialization Metrics]Yes_Potential_Count = Records in selection of
[Inventory] from *Metric:Percent Yes Potential CY OBS-Step1*.

Calc: [Commercialization Metrics]Yes_Potential_CY_OBS = Sum of [Inventory]CY Obs
from *Metric:Percent Yes Potential CY OBS-Step1*.

Calc: [Commercialization Metrics]Percent_Yes_Potential_CY_OBS = [Commercialization
Metrics]Yes_Potential_CY_OBS divided by [Commercialization
Metrics]Extramural_CY_OBS times 100

Metric: Percent No Potential CY OBS

Step 1: Query Selection of [Inventory] records from *Metric:Extramural CY Obs-Step1* where [Inventory]Commrc1 Assess = "N"

Note: For all other metric calculations, perform com_QuerySelectionInventory.

Calc: [Commercialization Metrics]No_Potential_Count = Records in selection of [Inventory] from *Metric:Percent No Potential CY OBS-Step1*.

Calc: [Commercialization Metrics]No_Potential_CY_OBS = Sum of [Inventory]CY Obs from *Metric:Percent No Potential CY OBS-Step1*.

Calc: [Commercialization Metrics]Percent_No_Potential_CY_OBS = [Commercialization Metrics]No_Potential_CY_OBS divided by [Commercialization Metrics]Extramural_CY_OBS times 100

Metric: Percent Unknown Potl CY OBS

Step 1: Query Selection of [Inventory] records from *Metric:Extramural CY Obs-Step1* where

[Inventory]Commrc1 Assess not equal to "Y"
and
[Inventory]Commrc1 Assess not equal to "N"

Note: For all other metric calculations, perform com_QuerySelectionInventory.

Calc: [Commercialization Metrics]Unknown_Potential_Count = Records in selection of [Inventory] from *Metric:Percent Unknown Potl CY OBS-Step1*.

Calc: [Commercialization Metrics]Unknown_Potential_CY_OBS = Sum of [Inventory]CY Obs from *Metric:Percent Unknown Potl CY OBS-Step1*.

Calc: [Commercialization Metrics]Percent Yes Potential CY OBS = [Commercialization Metrics]Unknown_Potential_CY_OBS divided by [Commercialization Metrics]Extramural_CY_OBS times 100

Metric: Total Activities Count

Step 1: Relate [Inventory] records from *Metric:Extramural CY Obs-Step1* to [Contract_Grant].

Note: For all other metric calculations, perform com_QuerySelectionContract.

Calc: [Commercialization Metrics]Total_Activities_Count = Records in selection of [Contract_Grant] from *Metric:Total Activities Count-Step 1*.

Metric: Activities with Clause Count

Step 1: Query Selection of [Contract_Grant] records from *Metric:Total Activities Count-Step 1* where

[Contract_Grant]NewTechnology Clause = True
or
[Contract_Grant]PR Retention by Grantee = True
or
[Contract_Grant]PR Retention by Contractor = True
or
[Contract_Grant]Reporting Obligations = True
or
[Contract_Grant]Contract Number = ncc@
or
[Contract_Grant]Contract Number = nca@
or
[Contract_Grant]Contract Number = nag@
or
[Contract_Grant]Service_Product = a@
or
[Contract_Grant]Kind of Contract or Grant = sbir@
or
[Contract_Grant]Kind of Contract or Grant = sttr@

Note: For all other metric calculations, perform com_QuerySelectionContract.

Calc: [Commercialization Metrics]Activities_with_Clause_Count = Records in selection of [Contract_Grant] from *Metric:Activities with Clause Count-Step 1*.

Metric: Percent Reporting

Step 1: Query Selection of [Contract_Grant] records from *Metric:Activities with Clause Count-Step 1* where

[Contract_Grant]Date Awarded <= (one year ago from end of metric month)
and
[Contract_Grant]Date Ending >= (end of metric month)

Note: For all other metric calculations, perform com_QuerySelectionContract.

Calc: [Commercialization Metrics]Contract_Reports_Due = Records in selection of [Contract_Grant] from *Metric:Activities with Clause Count-Step 1*.

Step 2: Relate [Contract_Grant] records from *Metric:Percent Reporting-Step 1* to [Contract Reports].

Step 3: Query Selection of [Contract Reports] records from *Metric:Percent Reporting-Step 2* where

[Contract Reports]Report Date >= (one year ago from end of metric month) **and**
[Contract Reports]Report Date <= (end of metric month)

Step 4: Relate [Contract Reports] records from *Metric:Percent Reporting-Step 3* to [Contract_Grant].

Calc: [Commercialization Metrics]Contract_Reports_Received = Records in selection of [Contract_Grant] from *Metric:Percent Reporting-Step 4*.

Calc: [Commercialization Metrics]Percent_Reporting = [Commercialization Metrics]Contract_Reports_Received divided by [Commercialization Metrics]Contract_Reports_Due times 100

Metric: Percent with NTRs

Step 1: Query Selection of [Contract_Grant] records from *Metric:Activities with Clause Count-Step 1* where

[Contract_Grant]Commercial Potential=True

Note: For all other metric calculations, perform com_QuerySelectionContract.

Calc: [Commercialization Metrics]Activities_w_Clause_Potential = Records in selection of [Contract_Grant] from *Metric:Percent with NTRs-Step 1*.

Step 2: Relate selection of [Contract_Grant] records from *Metric:Percent with NTRs-Step 1* to [Technology].

Step 3: Query selection of [Technology] records from *Metric:Percent with NTRs-Step 2* where the [Technology]Case Number is valid.

For ARC, [Technology]Case Number = "ARC@"

For DFRC, [Technology]Case Number = "DRC@"

For GSFC, [Technology]Case Number = "GSC@"

For HQN, [Technology]Case Number = "HQN@"

For KSC, [Technology]Case Number = "KSC@"

For GRC, [Technology]Case Number = "LEW@"

For LaRC, [Technology]Case Number = "LAR@"

For MSFC, [Technology]Case Number = "MFS@"

For JSC, [Technology]Case Number = "MSC@"

For JPL, [Technology]Case Number = "NPO@" or
[Technology]Case Number = "JPL@"

For SSC, [Technology]Case Number = "SSC@"

Note: For all other metric calculations, perform com_QuerySelectionTechProg.

Calc: [Commercialization Metrics]Valid_Extramural_NTRs = Records in selection of [Technology] from *Metric:Percent with NTRs-Step 3*.

Note: For all other metric calculations, [Commercialization Metrics]Valid_Extramural_NTRs = Records in selection of [Tech Program Areas] from *Metric:Percent with NTRs-Step 3*.

Step 4: Relate selection of [Technology] records from *Metric:Percent with NTRs-Step 3* to [Contract_Grant].

Calc: [Commercialization Metrics]Activities_with_NTRs = Records in selection of [Technology] from *Metric:Percent with NTRs-Step 4*.

Calc: [Commercialization Metrics]Percent_with_NTRs = [Commercialization Metrics]Activities_with_NTRs divided by [Commercialization Metrics]Activities_w_Clause_Potential times 100

NTRs ("Center_Total")**Metric: FY Extramural NTRs****Step 1:** Query [Technology] where

[Technology];[Technology]Report As is not equal to "GE"
and
[Technology]Submit to HQ = True
and
[Technology]NTR Received Date >= Start of Fiscal Year
and
[Technology]NTR Received Date <= End of Metric Month

Step 2: Query selection of [Technology] records from *Metric:FY Extramural NTRs-Step 1* where the [Technology]Case Number is valid.**Note:** For all other metric calculations, perform com_QuerySelectionTechProg.**Calc:** [Commercialization Metrics]FY_Extramural_NTRs = Records in selection of [Technology] from *Metric:FY Extramural NTRs-Step 2*.**Note:** For all other metric calculations, [Commercialization Metrics]FY_Extramural_NTRs = Records in selection of [Tech Program Areas] from *Metric:FY Extramural NTRs-Step 2*.**Metric: Total Extramural NTRs****Step 1:** Query [Technology] where

[Technology];[Technology]Report As is not equal "GE"
and
[Technology]Submit to HQ = True
and
[Technology]NTR Received Date >= 5 Yrs Ago from End of Metric Month
and
[Technology]NTR Received Date <= End of Metric Month

Step 2: Query selection of [Technology] records from *Metric:Total Extramural NTRs-Step 1* where the [Technology]Case Number is valid.**Note:** For all other metric calculations, perform com_QuerySelectionTechProg.

Calc: [Commercialization Metrics]Extramural_5_Yr_NTRs = Records in selection of [Technology] from *Metric:Total Extramural NTRs-Step 2*.

Note: For all other metric calculations, [Commercialization Metrics]Extramural_5_Yr_NTRs = Records in selection of [Tech Program Areas] from *Metric:Total Extramural NTRs-Step 2*.

Step 3: Perform a Union between the selection of [Technology] records from *Metric:Percent with NTRs-Step 3* and selection of [Technology] records from *Metric:Total Extramural NTRs-Step 2*.

Note: For all other metric calculations, Perform a Union between the selection of [Tech Program Areas] records from *Metric:Percent with NTRs-Step 2* and selection of [Tech Program Areas] records from *Metric:Total Extramural NTRs-Step 2*.

Calc: [Commercialization Metrics]Total_Extramural_NTRs = Records in selection of [Technology] from *Metric:Total Extramural NTRs-Step 3*.

Note: For all other metric calculations, [Commercialization Metrics]Total_Extramural_NTRs = Records in selection of [Tech Program Areas] from *Metric:Total Extramural NTRs-Step 3*.

Metric: FY Intramural NTRs

Step 1: Query [Technology] where

[Technology]Report As = "GE"
and
[Technology]Submit to HQ = True
and
[Technology]Contract Number = ""
and
[Technology]NTR Received Date >= Start of Fiscal Year
and
[Technology]NTR Received Date <= End of Metric Month

Step 2: Query selection of [Technology] records from *Metric:FY Intramural NTRs-Step 1* where the [Technology]Case Number is valid.

Note: For all other metric calculations, perform com_QuerySelectionTechProg.

Calc: [Commercialization Metrics]Total_Intramural_NTRs = Records in selection of [Technology] from *Metric:FY Intramural NTRs-Step 2*.

Note: For all other metric calculations, [Commercialization Metrics]Total_Intramural_NTRs = Records in selection of [Tech Program Areas] from *Metric:FY Intramural NTRs-Step 2*.

Metric: Total Intramural NTRs

Step 1: Query [Technology] where

[Technology]Report As = "GE"
and
[Technology]Submit to HQ = True
and
[Technology]Contract Number = ""
and
[Technology]NTR Received Date >= 5 Yrs Ago from End of Metric Month
and
[Technology]NTR Received Date <= End of Metric Month

Step 2: Query selection of [Technology] records from *Metric:Total Intramural NTRs-Step 1* where the [Technology]Case Number is valid.

Note: For all other metric calculations, perform com_QuerySelectionTechProg.

Calc: [Commercialization Metrics]Intramural_5_Yr_NTRs = Records in selection of [Technology] from *Metric:Total Intramural NTRs-Step 2*.

Note: For all other metric calculations, [Commercialization Metrics]Extramural_5_Yr_NTRs = Records in selection of [Tech Program Areas] from *Metric:Total Intramural NTRs-Step 2*.

Metric: Total FY NTRs

Step 1: Perform a Union between the selection of [Technology] records from *Metric:FY Extramural NTRs-Step 2* and selection of [Technology] records from *Metric:FY Intramural NTRs-Step 2*.

Note: For all other metric calculations, perform a Union between the selection of [Tech Program Areas] records from *Metric:FY Extramural NTRs-Step 2* and selection of [Tech Program Areas] records from *Metric:FY Intramural NTRs-Step 2*.

Calc: [Commercialization Metrics]Total_FY_NTRs = Records in Selection of [Technology] from *Metric:Total Active NTRs-Step 1*.

Note: For all other metric calculations, [Commercialization Metrics]Total_FY_NTRs = Records in selection of [Tech Program Areas] from *Metric:Total Active NTRs-Step 1*.

Alternate Calculation for Total Active NTRs

Calc: [Commercialization Metrics]Total_FY_NTRs =
[Commercialization Metrics]FY_Extramural_NTRs +
[Commercialization Metrics]FY_Intramural_NTRs

Metric: Total Active NTRs

Step 1: Perform a Union between the selection of [Technology] records from *Metric:Total Intramural NTRs-Step 2* and selection of [Technology] records from *Metric:Total Extramural NTRs-Step 2*.

Note: For all other metric calculations, perform a Union between the selection of [Tech Program Areas] records from *Metric:Total Intramural NTRs-Step 2* and selection of [Tech Program Areas] records from *Metric:Total Extramural NTRs-Step 2*.

Calc: [Commercialization Metrics]Total_Active_NTRs = Records in Selection of [Technology] from *Metric:Total Active NTRs-Step 1*.

Note: For all other metric calculations, [Commercialization Metrics]Total_Active_NTRs = Records in selection of [Tech Program Areas] from *Metric:Total Active NTRs-Step 1*.

Alternate Calculation for Total Active NTRs

Calc: [Commercialization Metrics]Total_Active_NTRs =
[Commercialization Metrics]Total_Extramural_NTRs +
[Commercialization Metrics]Total_Intramural_NTRs

Metric: NTRs Available to Public

Step 1: Query selection of [Technology] records from *Metric:Total Active NTRs-Step 1* where

[Technology]Release to Public="Y"

Note: For all other metric calculations, perform com_QuerySelectionTechProg.

Calc: [Commercialization Metrics]NTRs_Available_to_Public = Records in Selection
from *Metric:NTRs Available to Public-Step 1*.

Note: For all other metric calculations, [Commercialization
Metrics]NTRs_Available_to_Public = Records in selection of [Tech Program Areas]
from *Metric:NTRs Available to Public-Step 1*.

Metric: Pct NTRs Available to Public

Calc: [Commercialization Metrics]Pct_NTRs_Available_to_Public = [Commercialization
Metrics]NTRs_Available_to_Public divided by [Commercialization
Metrics]Total_Active_NTRs times 100

Partnerships ("Center_Total")**Metric: Partnerships Count****Step 1:** Query [Partnerships] where

[Partnerships]GPRA Qualified=True
and
[Partnerships]Date Awarded <= End of Metric Month
and
[Partnerships]Date Ending >= Start of Fiscal Year

Step 2: Query [Partnerships] where

[Partnerships]GPRA Qualified = True
and
[Partnerships]NASA Total Investment Curnt > 0
and
[Partnerships]Date Awarded <= End of Metric Month

Step 3: Union records from *Metric:Partnerships Count-Step 1* and *Metric:Partnerships Count-Step 2*.

Note: For all other metric calculations, perform com_QuerySelectionPartnerships.

Calc: [Commercialization Metrics]Partnerships_Count = Records in Selection from
Metric:Partnerships Count-Step 3.

Metric: NASA Partnership Investment

Step 1: Query selection of [Contract_Grant] from *Metric:Total Activities Count-Step 1* where

[Contract_Grant]Contract Number = ncc@

or

[Contract_Grant]Contract Number = nag@

or

[Contract_Grant]Contract Number = nca@

or

[Contract_Grant]Service_Product = a@

or

[Contract_Grant]Kind of Contract or Grant = sbir@

or

[Contract_Grant]Kind of Contract or Grant = sttr@

Note: For all other metric calculations, perform com_QuerySelectionContract.

Calc: [Commercialization Metrics]R_and_D_Activities_Count = Records in Selection of [Contract_Grant] from *Metric:NASA Partnership Investment-Step 1*.

Step 2: Relate selection of [Contract_Grant] from to [Inventory].

Note: For all other metric calculations, perform com_QuerySelectionInventory.

Calc: [Commercialization Metrics]R_and_D_Base = Sum of [Inventory]CY Obs from *Metric:NASA Partnership Investment-Step 2*.

Step 3: Relate selection of [Partnerships] records from *Metric:Partnerships Count-Step 3* to [Partnership Program Number].

Step 4: Relate selection of [Partnership Program Number] records to [Partnership Program Number FY].

Step 5: Query selection of [Partnership Program Number FY] where

[Partnership Program Number FY]FY = Fiscal Year

Calc: [Commercialization Metrics]NASA_Partnership_Investment =
Sum of [Partnership Program Number FY]NASA Total Contribution

Calc: [Commercialization Metrics]Partnership_Percentage =
[Partnership Program Number FY]NASA Total Contribution divided by
[Commercialization Metrics]R_and_D_Base times 100

Success Stories ("Center_Total")**Metric: Public Success Stories****Step 1:** If [Success Story]PDF is equal to True, then query [Success Story] where

[Success Story]Title not equal to ""
and
[Success Story]Release to Public = True
and
[Success Story]Public Release Date <= End of Metric Month
and
[Success Story]Company Code # 0
and
[Company]Name not equal to ""
and
[Company]POP City not equal to ""
and
[Company]POP State not equal to ""
and
[Company]POP Zip not equal to ""
and
[Success Story]Center not equal to ""
and
[Success Story]NASA POC People Code not equal to 0

Else query [Success Story] where

[Success Story]Title not equal to ""
and
[Success Story]Release to Public = True
and
[Success Story]Public Release Date <= End of Metric Month
and
[Success Story]Company Code # 0
and
[Company]Name not equal to ""
and
[Company]POP City not equal to ""
and
[Company]POP State not equal to ""
and

[Company]POP Zip not equal to ""
and
[Success Story]Center not equal to ""
and
[Success Story]Commercial Application not equal to ""
and
[Success Story]Social_Economic Benefit not equal to ""
and
[Success Story]NASA POC People Code not equal to 0

Step 2: Relate [Success Story] to [KeySuccess].

Step 3: Relate [KeySuccess] to [Success Story].

Step 4: Union selection of [Success Story] records from *Metric:Public Success Stories-Step 1* with [Success Story] records from *Metric:Public Success Stories-Step 3*.

Note: For all other metric calculations, perform com_QuerySelectionSuccessProgAr.

Calc: [Commercialization Metrics]Public_Success_Stories =
records in selection of [Success Story] from *Metric:Public Success Stories-Step 4*.

Note: For all other metric calculations, [Commercialization
Metrics]Public_Success_Stories = Records in selection of [Success Story Program
Areas] from *Metric:Public Success Stories-Step 4*.

Metric: FY Public Success Stories

Step 1: Query selection of [Success Story] records from *Metric:Public Success Stories-Step 4* where

[Success Story]Public Release Email Date >= Start of Fiscal Year

Note: For all other metric calculations, perform com_QuerySelectionSuccessProgAr.

Calc: [Commercialization Metrics]FY_Public_Success_Stories =
records in selection of [Success Story] from *Metric:FY Public Success Stories-Step 1*.

Note: For all other metric calculations, [Commercialization
Metrics]Public_Success_Stories = Records in selection of [Success Story Program
Areas] from *Metric:FY Public Success Stories-Step 1*.

Appendix A

Please refer to the following routines when calculating metrics other than "Center_Total":

com_QuerySelectionContract
com_QuerySelectionInventory
com_QuerySelectionTechProg
com_QuerySelectionPartnerships
com_QuerySelectionSuccessProgAr

com_QuerySelectionContract

com_QuerySelectionContract queries the selection of [Contract_Garnt] based on the calculation type.

\$Area = Program Area Value
\$Calculation = Calculation Type

Case of

: (\$Calculation="3_Digit_UPN")
QUERY SELECTION([Contract_Grant];[Contract_Grant]Program_Number=\$Area+"@";*)
QUERY SELECTION([Contract_Grant]; & ;[Contract_Grant]Program_Number_Type # "F")

: (\$Calculation="5_Digit_UPN")
QUERY SELECTION([Contract_Grant];[Contract_Grant]Program_Number=\$Area)

: (\$Calculation="COG")
QUERY SELECTION([Contract_Grant];[Contract_Grant]COG=\$Area)

: (\$Calculation="PMC_Program")
QUERY SELECTION([Contract_Grant];[Contract_Grant]PMC_Program=\$Area)

: (\$Calculation="Program_Office")
QUERY SELECTION([Contract_Grant];[Contract_Grant]Program_Office=\$Area)

: (\$Calculation="Enterprise")
QUERY SELECTION([Contract_Grant];[Contract_Grant]Enterprise=\$Area)

End case

com_QuerySelectionInventory

com_QuerySelectionInventory queries the selection of [Inventory] based on the calculation type.

\$Area = Program Area Value

\$Calculation = Calculation Type

Case of

: (\$Calculation="5_Digit_UPN")

QUERY SELECTION([Inventory];[Inventory]5 Digit UPN=\$Area)

: (\$Calculation="3_Digit_UPN")

QUERY SELECTION([Inventory];[Inventory]3 Digit UPN=\$Area)

: (\$Calculation="COG")

QUERY SELECTION([Inventory];[Program Code]COG=\$Area)

: (\$Calculation="Program_Office")

QUERY SELECTION([Inventory];[Inventory]Program Office=\$Area)

: (\$Calculation="PMC_Program")

QUERY SELECTION([Inventory];[Program Code]PMC_Program=\$Area)

: (\$Calculation="Enterprise")

Case of

: (\$Area="HEDS")

QUERY SELECTION([Inventory];[Inventory]Program Office="3";*)

QUERY SELECTION([Inventory]; | ;[Inventory]Program Office="9")

: (\$Area="ES")

QUERY SELECTION([Inventory];[Inventory]Program Office="A")

: (\$Area="SS")

QUERY SELECTION([Inventory];[Inventory]Program Office="8")

: (\$Area="AST")

QUERY SELECTION([Inventory];[Inventory]Program Office="7")

: (\$Area="FPA")

QUERY SELECTION([Inventory];[Inventory]Program Office="0";*)

QUERY SELECTION([Inventory]; | ;[Inventory]Program Office="1";*)

QUERY SELECTION([Inventory]; | ;[Inventory]Program Office="2";*)

QUERY SELECTION([Inventory]; | ;[Inventory]Program Office="5")

End case

End case

com_QuerySelectionTechProg

com_QuerySelectionTechProg queries the selection of [Tech Program Areas] based on the calculation type.

\$Area = Program Area Value
\$Calculation = Calculation Type

RELATE MANY SELECTION([Tech Program Areas]Case Number)

Case of

: (\$Calculation="3_Digit_UPN")
 QUERY SELECTION([Tech Program Areas];[Tech Program Areas]Program_Number=\$Area+"@";*)
 QUERY SELECTION([Tech Program Areas]; & ;[Tech Program Areas]Program_Number_Type # "F")

: (\$Calculation="5_Digit_UPN")
 QUERY SELECTION([Tech Program Areas];[Tech Program Areas]Program_Number=\$Area)

: (\$Calculation="COG")
 QUERY SELECTION([Tech Program Areas];[Tech Program Areas]COG=\$Area)

: (\$Calculation="PMC_Program")
 QUERY SELECTION([Tech Program Areas];[Tech Program Areas]PMC_Program=\$Area)

: (\$Calculation="Program_Office")
 QUERY SELECTION([Tech Program Areas];[Tech Program Areas]Program_Office=\$Area)

: (\$Calculation="Enterprise")
 QUERY SELECTION([Tech Program Areas];[Tech Program Areas]Enterprise=\$Area)

End case

CREATE SET([Tech Program Areas];"RelatedSet")

RELATE ONE SELECTION([Tech Program Areas];[Technology])

If (Records in selection([Tech Program Areas])>0)

 CREATE EMPTY SET([Tech Program Areas];"TPA")

 For (\$i;1;Records in selection([Technology]))
 `RELATE MANY SELECTION([Tech Program Areas]Case Number)
 QUERY([Tech Program Areas];[Tech Program Areas]Case Number=[Technology]Case Number)

 CREATE SET([Tech Program Areas];"temp")
 INTERSECTION("RelatedSet";"temp";"TestSet")
 USE SET("TestSet")

 QUERY SELECTION([Tech Program Areas];[Tech Program Areas]Calculated=False) `take out calculated records

 If (Records in selection([Tech Program Areas])>0)
 ADD TO SET([Tech Program Areas];"TPA")
 Else
 USE SET("TestSet")
 ADD TO SET([Tech Program Areas];"TPA")
 End if

 NEXT RECORD([Technology])

End for

USE SET("TPA")

CLEAR SET("TPA")

CLEAR SET("temp")

CLEAR SET("RelatedSet")

CLEAR SET("TestSet")

End if

com_QuerySelectionPartnerships

com_QuerySelectionPartnerships queries the selection of [Partnerships] based on the calculation type.

\$Area = Program Area Value
\$Calculation = Calculation Type

Case of

: (\$Calculation="3_Digit_UPN")
QUERY SELECTION([Partnerships];[Partnerships]Program_Number=\$Area+"@";*)
QUERY SELECTION([Partnerships]; & ;[Partnerships]Program_Number_Type # "F")

: (\$Calculation="5_Digit_UPN")
QUERY SELECTION([Partnerships];[Partnerships]Program_Number=\$Area)

: (\$Calculation="COG")
QUERY SELECTION([Partnerships];[Partnerships]COG=\$Area)

: (\$Calculation="PMC_Program")
QUERY SELECTION([Partnerships];[Partnerships]PMC_Program=\$Area)

: (\$Calculation="Program_Office")
QUERY SELECTION([Partnerships];[Partnerships]Program_Office=\$Area)

: (\$Calculation="Enterprise")
QUERY SELECTION([Partnerships];[Partnerships]Enterprise=\$Area)

End case

com_QuerySelectionSuccessProgAr

com_QuerySelectionSuccessProgAr queries the selection of [Success Story Program Areas] based on the calculation type.

\$Area = Program Area Value
\$Calculation = Calculation Type

RELATE MANY SELECTION([Success Story Program Areas]Success Story ID)

Case of

: (\$Calculation="3_Digit_UPN")

QUERY SELECTION([Success Story Program Areas];[Success Story Program Areas]Program_Number=\$Area+"@";"*)

QUERY SELECTION([Success Story Program Areas]; & ;[Success Story Program Areas]Program_Number_Type # "F")

: (\$Calculation="5_Digit_UPN")

QUERY SELECTION([Success Story Program Areas];[Success Story Program Areas]Program_Number=\$Area)

: (\$Calculation="COG")

QUERY SELECTION([Success Story Program Areas];[Success Story Program Areas]COG=\$Area)

: (\$Calculation="PMC_Program")

QUERY SELECTION([Success Story Program Areas];[Success Story Program Areas]PMC_Program=\$Area)

: (\$Calculation="Program_Office")

QUERY SELECTION([Success Story Program Areas];[Success Story Program Areas]Program_Office=\$Area)

: (\$Calculation="Enterprise")

QUERY SELECTION([Success Story Program Areas];[Success Story Program Areas]Enterprise=\$Area)

End case

CREATE SET([Success Story Program Areas];"RelatedSet")

RELATE ONE SELECTION([Success Story Program Areas];[Success Story])

If (Records in selection([Success Story Program Areas])>0)

CREATE EMPTY SET([Success Story Program Areas];"TPA")

For (\$i;1;Records in selection([Success Story]))

QUERY([Success Story Program Areas];[Success Story Program Areas]Success Story ID=[Success Story]ID)

CREATE SET([Success Story Program Areas];"temp")

UNION("RelatedSet";"temp";"TestSet")

USE SET("TestSet")

QUERY SELECTION([Success Story Program Areas];[Success Story Program Areas]Calculated=False) `take out calculated records

If (Records in selection([Success Story Program Areas])>0)

ADD TO SET([Success Story Program Areas];"TPA")

Else

USE SET("TestSet")

ADD TO SET([Success Story Program Areas];"TPA")

End if

```
    NEXT RECORD([Success Story])  
End for
```

```
USE SET("TPA")
```

```
CLEAR SET("TPA")  
CLEAR SET("temp")  
CLEAR SET("RelatedSet")  
CLEAR SET("TestSet")
```

```
End if
```


Find... Button

The *Find...* button for Commercialization Metrics is used to locate the current records for a particular metric. The *Find...* ONLY finds the current Center_Total set of records. Sets are created and a new data window is opened when the *Find...* is clicked.

For example, when the user clicks on the *Find...* button for Extramural CY Obs

Extramural CY Obs Find...

Activities	
Extramural CY Obs	\$57,947,965
Find...	Recall Set...

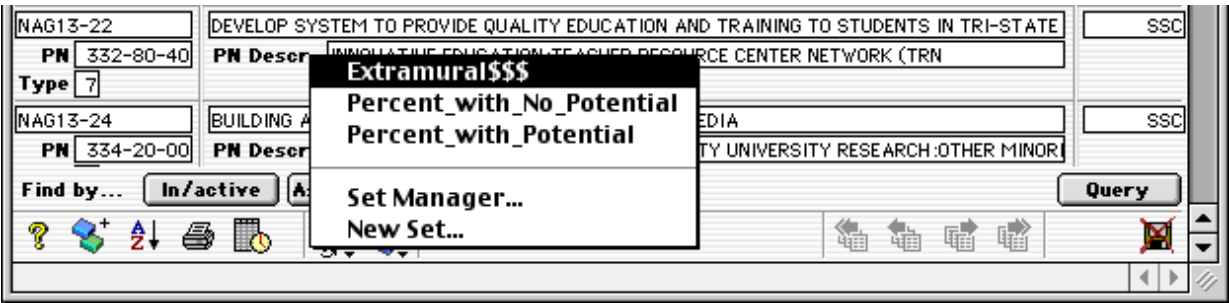
a new data window is opened in the [Inventory] table.

New Data Window for [Inventory]

Inventory: 2647 records in selection		
Activity No.	Title	Center
NS-7513	EARTH SCIENCE ENTERPRISE TECHNICAL SUPPORT	SSC
PN 609-00-00	PN Descr. COMMERCIAL REMOTE SENSING COMMERCIAL REMOTE SENSING	
Type 7		
NAS13-97002	DELIVERY OF INTERRUPTIBLE NATURAL GAS SUPPLIES INTO RESPECTIVE PIPELINE OF THE KOCH	SSC
PN 377-25-01	PN Descr. PROGRAM MISSION SUPPORT (PMS) CENTER PROGRAM MISSION SUPPORT	
Type 7		
NAG13-01001	"NASA FIRST Grant"	SSC
PN 839-20-00	PN Descr. ADVANCED TECHNOLOGY DEVELOPMENT (ATD) ADVANCED TECHNOLOGY DEVELOPMENT	
Type 7		
NS-7330	ASSESSMENT OF GLOBAL CROP PRODUCTION FROM NEW GENERATION REMOTE SENSING TECHNOLOGY	SSC
PN 613-11-00	PN Descr. RESEARCH AND ANALYSIS APPLICATION RESEARCH AND ANALYSIS APPLICATION	
Type 7		
NAS13-97002	DELIVERY OF INTERRUPTIBLE NATURAL GAS SUPPLIES INTO RESPECTIVE PIPELINE OF THE KOCH	SSC
PN 949-96-00	PN Descr. ENGINEERING AND TECHNICAL BASE ENGINEERING AND TECHNICAL BASE ENGINEERING	
Type 7		
NAS13-97002	DELIVERY OF INTERRUPTIBLE NATURAL GAS SUPPLIES INTO RESPECTIVE PIPELINE OF THE KOCH	SSC
PN 771-50-00	PN Descr. HEADQUARTERS RESEARCH OPERATIONS SUPPORT HEADQUARTERS RESEARCH OPERATIONS	
Type 7		
NAG13-22	DEVELOP SYSTEM TO PROVIDE QUALITY EDUCATION AND TRAINING TO STUDENTS IN TRI-STATE	SSC
PN 332-15-40	PN Descr. COMPREHENSIVE TRI-STATE	
Type 7		
NAG13-22	DEVELOP SYSTEM TO PROVIDE QUALITY EDUCATION AND TRAINING TO STUDENTS IN TRI-STATE	SSC
PN 332-70-00	PN Descr. ACADEMIC PROGRAMS ACADEMIC PROGRAMS AEROSPACE EDUCATION SERVICES	
Type 7		
NAG13-22	DEVELOP SYSTEM TO PROVIDE QUALITY EDUCATION AND TRAINING TO STUDENTS IN TRI-STATE	SSC
PN 332-80-40	PN Descr. INNOVATIVE EDUCATION TEACHER RESOURCE CENTER NETWORK (TRN)	
Type 7		
NAG13-24	BUILDING AN INTEGRATED ENVIRONMENT FOR MULTI-MEDIA	SSC
PN 334-20-00	PN Descr. MINORITY UNIVERSITY RESEARCH MINORITY UNIVERSITY RESEARCH OTHER MINORITY	
Type 7		
Find by... In/active Assessment Prog Office		Query

A set is created and is available from the Sets popup.

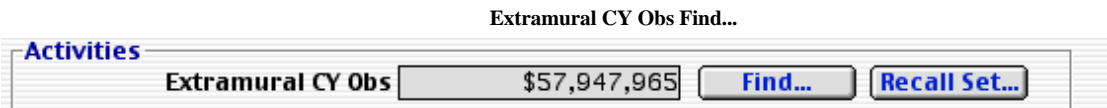
Extramural Set - Extramural \$\$\$



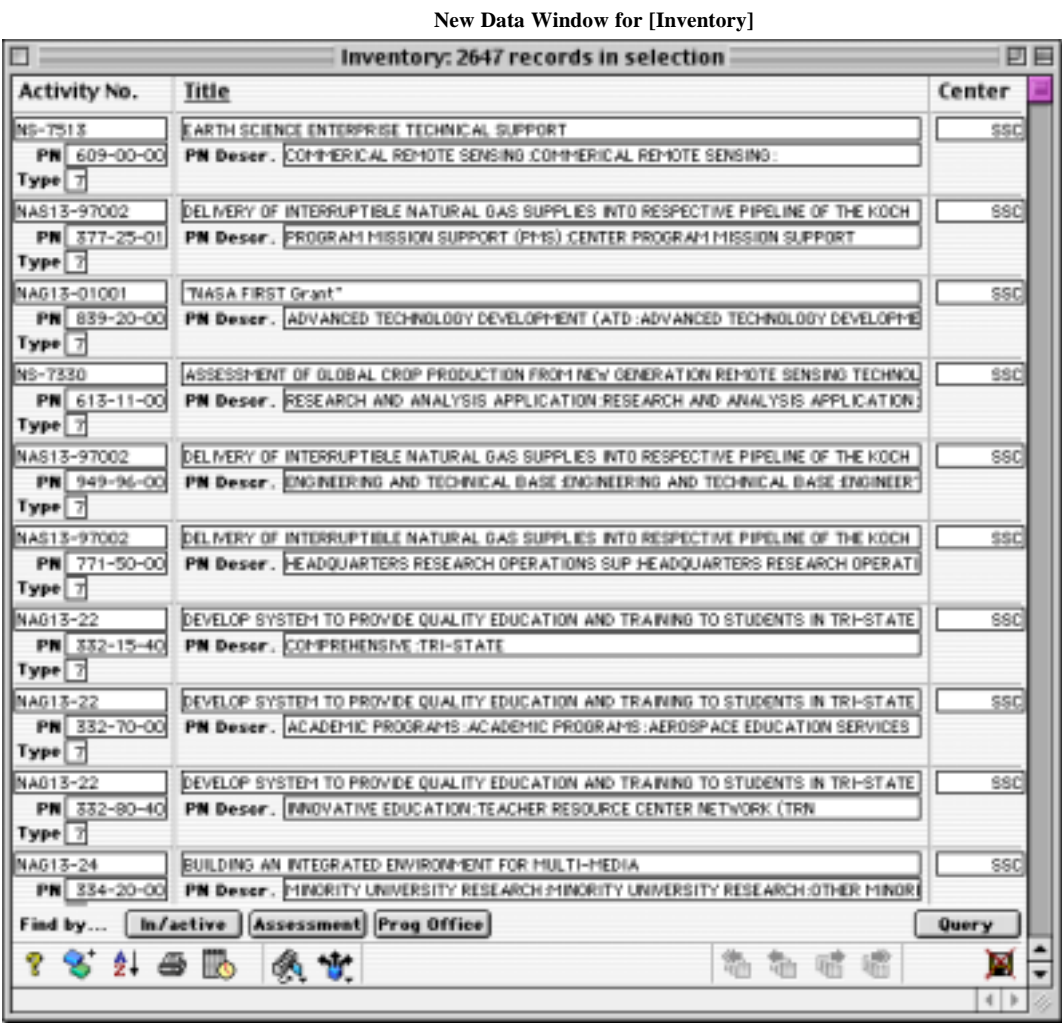
Recall Set Button

The *Recall Set...* button for Commercialization Metrics is used to locate the saved set of records for a particular metric. The *Recall Set...* ONLY finds the saved set for the most recent Center_Total calculation. Sets are created and a new data window is opened when the *Recall Set...* is clicked.

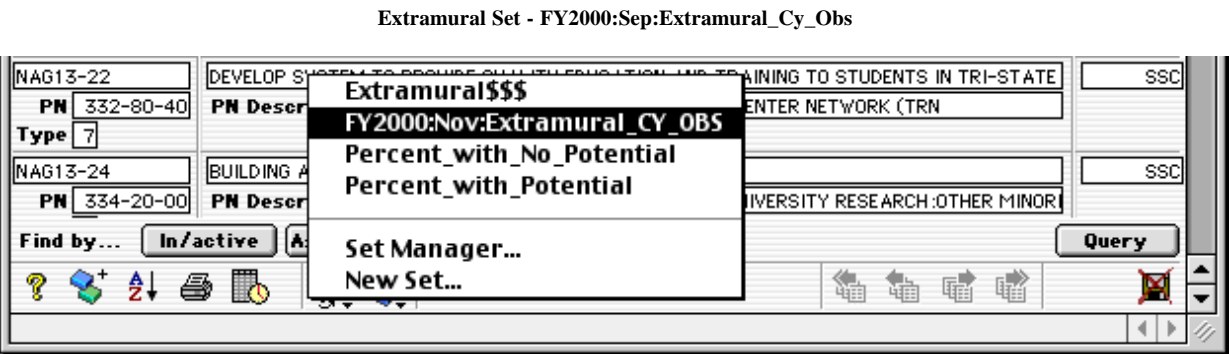
For example, when the user clicks on the *Recall Set...* button for Extramural CY Obs



a new data window is opened in the [Inventory] table.



A set is created and is available from the Sets popup.



Assistance Metrics

Assistance metrics are automatically calculated twice a month, before and after the FACS procurement data load. The FACS load normally occurs after the 15th of each month.

Assistance metrics are calculated for every NASA assistance partner that exists in 4D non-modifiable list for Partnerships and Success Stories. The [Partnership_Assistance] table contain the assistance information for [Partnerships] and data entry is located on the Success Stories/Technologies screen. The [Success_Story_Assist] can be found on the Economic Data, Preparer, etc. screen.

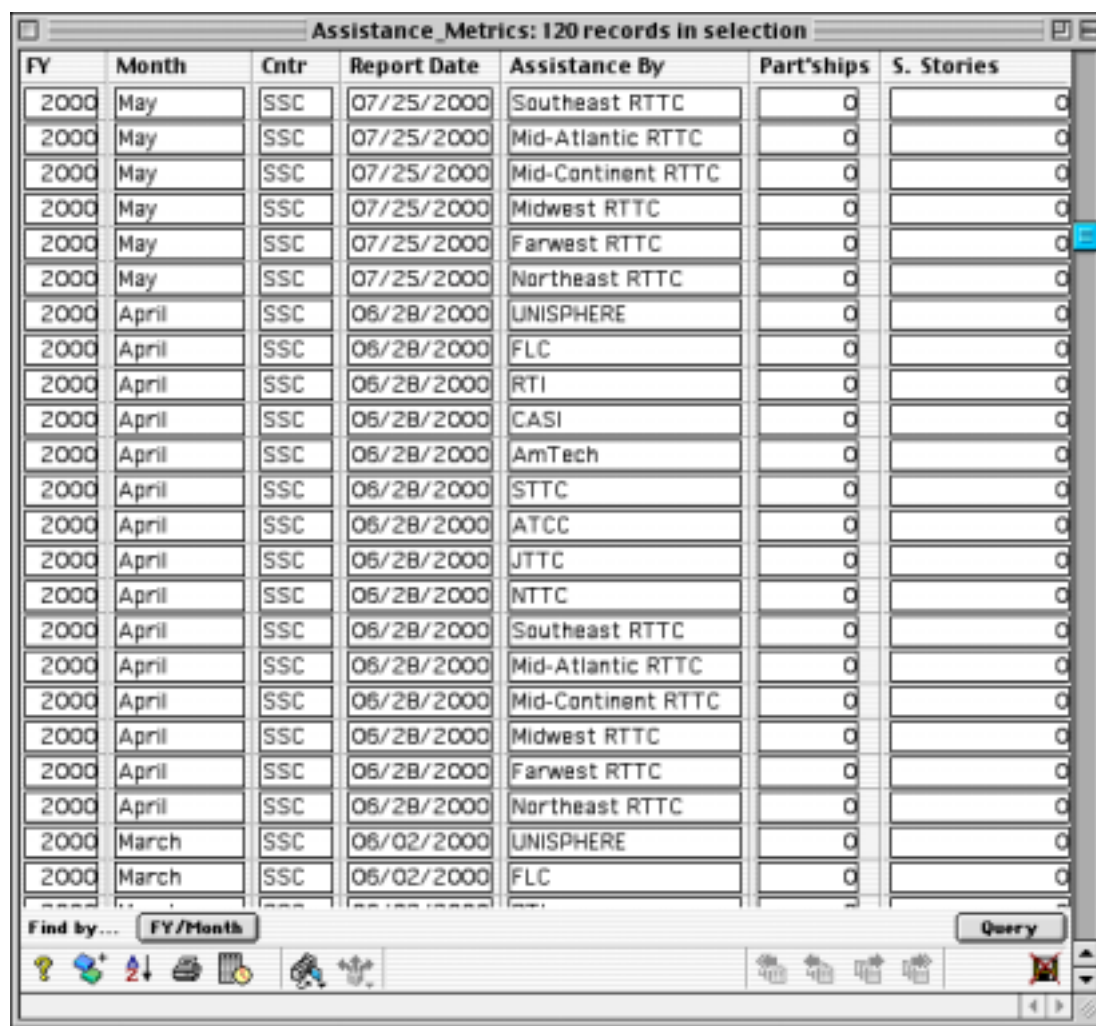
Note: If you need to add entries to the Assistance list, please contact your DBA.

List Screen

The listing screen contains the following fields:

[Assistance_Metrics]Fiscal_Year
[Assistance_Metrics]Month (shown as month spelled out)
[Assistance_Metrics]Center
[Assistance_Metrics]Report_Date
[Assistance_Metrics]Assistance_By
[Assistance_Metrics]Partnerships
[Assistance_Metrics]Success_Stories

Assistance Metrics List Screen



FY	Month	Cntr	Report Date	Assistance By	Part'ships	S. Stories
2000	May	SSC	07/25/2000	Southeast RTTC	0	0
2000	May	SSC	07/25/2000	Mid-Atlantic RTTC	0	0
2000	May	SSC	07/25/2000	Mid-Continent RTTC	0	0
2000	May	SSC	07/25/2000	Midwest RTTC	0	0
2000	May	SSC	07/25/2000	Farwest RTTC	0	0
2000	May	SSC	07/25/2000	Northeast RTTC	0	0
2000	April	SSC	06/28/2000	UNISPHERE	0	0
2000	April	SSC	06/28/2000	FLC	0	0
2000	April	SSC	06/28/2000	RTI	0	0
2000	April	SSC	06/28/2000	CASI	0	0
2000	April	SSC	06/28/2000	AmTech	0	0
2000	April	SSC	06/28/2000	STTC	0	0
2000	April	SSC	06/28/2000	ATCC	0	0
2000	April	SSC	06/28/2000	JTTC	0	0
2000	April	SSC	06/28/2000	NTTC	0	0
2000	April	SSC	06/28/2000	Southeast RTTC	0	0
2000	April	SSC	06/28/2000	Mid-Atlantic RTTC	0	0
2000	April	SSC	06/28/2000	Mid-Continent RTTC	0	0
2000	April	SSC	06/28/2000	Midwest RTTC	0	0
2000	April	SSC	06/28/2000	Farwest RTTC	0	0
2000	April	SSC	06/28/2000	Northeast RTTC	0	0
2000	March	SSC	06/02/2000	UNISPHERE	0	0
2000	March	SSC	06/02/2000	FLC	0	0

Find

To activate the find window, locate the find option from one of these locations:

- Find... from the Query icon on the listing window
- Find... from menu Select --> Find...
- Query Icon from the main menu

After the Find window is displayed, choose values from one or more of the following popups:

- Fiscal Year
- Month

Assistance Metrics Find Window



The image shows a dialog box titled "Find Assistance Metrics records". It has a light gray background and a black border. Inside the dialog, there are two input fields: "Fiscal Year" and "Month", each followed by a light green rectangular text box. At the bottom of the dialog, there are two buttons: "Cancel" and "Find".

Find Assistance Metrics records

Fiscal Year

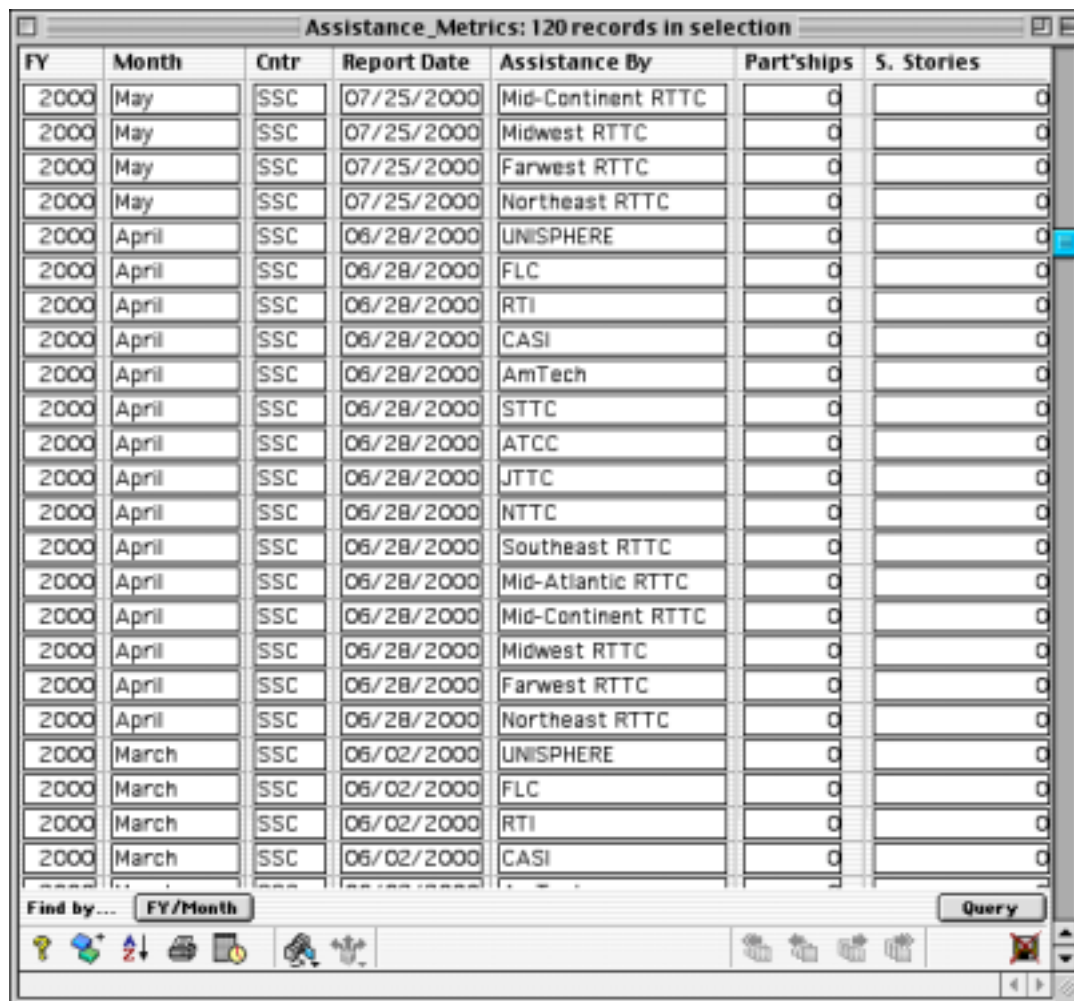
Month

General Information

The data window for [Assistance_Metrics] a single screen - General Information. The data window contains the following fields:

[Assistance_Metrics]Fiscal_Year
[Assistance_Metrics]Month (shown as month spelled out)
[Assistance_Metrics]Center
[Assistance_Metrics]Report_Date
[Assistance_Metrics]Assistance_By
[Assistance_Metrics]Partnerships
[Assistance_Metrics]Success_Stories

Assistance Metrics - General Information Screen



FY	Month	Cntr	Report Date	Assistance By	Part'ships	S. Stories
2000	May	SSC	07/25/2000	Mid-Continent RTTC	0	0
2000	May	SSC	07/25/2000	Midwest RTTC	0	0
2000	May	SSC	07/25/2000	Farwest RTTC	0	0
2000	May	SSC	07/25/2000	Northeast RTTC	0	0
2000	April	SSC	06/28/2000	UNISPHERE	0	0
2000	April	SSC	06/28/2000	FLC	0	0
2000	April	SSC	06/28/2000	RTI	0	0
2000	April	SSC	06/28/2000	CASI	0	0
2000	April	SSC	06/28/2000	AmTech	0	0
2000	April	SSC	06/28/2000	STTC	0	0
2000	April	SSC	06/28/2000	ATCC	0	0
2000	April	SSC	06/28/2000	JTTC	0	0
2000	April	SSC	06/28/2000	NTTC	0	0
2000	April	SSC	06/28/2000	Southeast RTTC	0	0
2000	April	SSC	06/28/2000	Mid-Atlantic RTTC	0	0
2000	April	SSC	06/28/2000	Mid-Continent RTTC	0	0
2000	April	SSC	06/28/2000	Midwest RTTC	0	0
2000	April	SSC	06/28/2000	Farwest RTTC	0	0
2000	April	SSC	06/28/2000	Northeast RTTC	0	0
2000	March	SSC	06/02/2000	UNISPHERE	0	0
2000	March	SSC	06/02/2000	FLC	0	0
2000	March	SSC	06/02/2000	RTI	0	0
2000	March	SSC	06/02/2000	CASI	0	0

Find by... FY/Month Query

Program Area Asssignments

UPN assignments are calculated after every FACS data load. UPN assignments are caculated for the following tables:

[Contact_Grant]

[Partnerships]

[Success_Stories] - stored in the [Success_Stories_Areas] table.

[Technology] - stored in the [Tech_Program_Areas] table.

Calculations

UPN assignments are calculated after every FACS data load. UPN assignments are calculated for the following tables:

[Contact_Grant]

[Partnerships]

[Success_Stories] - stored in the [Success_Stories_Areas] table.

[Technology] - stored in the [Tech_Program_Areas] table.

[Contract_Grant]

For every record in the [Contract_Grant] table, the program area fields are assigned by examining the related [Inventory]CY_Obs plus the [Inventory]PY_Obs to see if

- a single 5 digit UPN accounted for more than 50% of the funding. If not,
- a single 3 digit UPN accounted for more than 50% of the funding. If not,
- a single COG accounted for more than 50% of the funding. If not,
- a single PMC Program accounted for more than 50% of the funding. If not,
- a single Program Office accounted for more than 50% of the funding. If not,
- a single Enterprise accounted for more than 50% of the funding

[Partnerships]

For every record in the [Partnerships] table, the program area fields are assigned by examining the [Partnership_Program_Number_FY] to see if

- a single 5 digit UPN accounted for more than 50% of the funding. If not,
- a single 3 digit UPN accounted for more than 50% of the funding. If not,
- a single COG accounted for more than 50% of the funding. If not,
- a single PMC Program accounted for more than 50% of the funding. If not,
- a single Program Office accounted for more than 50% of the funding. If not,
- a single Enterprise accounted for more than 50% of the funding

[Success_Stories]

For every record in the [Success_Stories] table, a record is created/updated in the [Success_Story_Program_Areas] table and is assigned program area values from

- related [Contract_Grant] record. If one does not exist,
- related [Technology] record. If one does not exist,
- related [Partnerships] record.

[Technology]

For every record in the [Technology] table, a record is created/updated in the [Tech_Program_Areas] table and is assigned program area values from the related [Contract_Grant] record.